

CLAIMS:

What is claimed is:

1. A heat dissipation device adopted for heat dissipation of heat generating electrical components, comprising:
 - a heat sink capable of being disposed on the electrical components;
 - a fan adapter including two opposing sidewalls straight arranged thereof, a top wall disposed horizontally and connecting the two sidewalls, an inlet formed in a front thereof, an oblique reduced cross-sectional area portion extending backwardly from a rear thereof, and an outlet formed in a rear of the oblique reduced cross-sectional area portion, wherein the fan adapter encloses the heat sink; and
 - a fan located at the inlet of the fan adapter.
2. The heat dissipation device claimed as claim 1, wherein the heat sink has a base and a plurality of fins arranged on the base.
3. The heat dissipation device claimed as claim 2, wherein the heat sink has an inlet formed in a front thereof and a outlet formed in a rear thereof, the fins arrange between the inlet and the outlet of the heat sink, the inlet has a proper distance from a front of the base for providing a fan-supporting area, on which the fan disposes.
4. The heat dissipation device claimed as claim 2, wherein each of the fins has a rear aligns with a rear edge of the base.
5. The heat dissipation device claimed as claim 2, wherein the each of the fins has a protruding portion extending from backwardly a rear thereof for accommodating to the fan adapter and corresponding in the oblique reduced cross-sectional area portion.
6. The heat dissipation device claimed as claim 1, wherein the heat sink has two proper distances formed on the base respectively spaced from two lateral sides of the base for providing a shoulder portion arranged thereon; the electrical components dispose on a circuit board; the circuit board includes a seat arranged thereon and around the electrical components, and two buckling devices securing two opposing sides of the seat; the two buckling devices resiliently pressing the two shoulder portions respectively for a bottom of the heat sink tightly contacting with tops of the electrical components.

7. The heat dissipation device claimed as claim 1, wherein the fan adapter includes four orientation holes arranged on four corners adjacent to the inlet for securing the fan to the fan adapter.

8. The heat dissipation device claimed as claim 1, wherein the fan adapter is screwed to secure to the heat sink.

9. The heat dissipation device claimed as claim 1, wherein the oblique reduced cross-sectional area portion has an inclined wall on the bottom and a space formed thereunder to allow the area under the inclined wall to be used to receive electrical components thereunder.